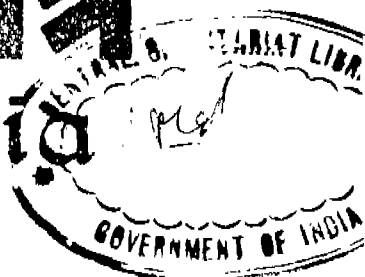




भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY



सं० 27] वर्षी दिल्ली, शनिवार, जुलाई 1, 2000 (आषाढ़ 10, 1922)
No. 27] NEW DELHI, SATURDAY, JULY 1, 2000 (ASADHA 10, 1922)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 1st July 2000

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Diu and Dadra and Nagar Haveli.

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Phone No. 578 2537
Fax No. 011 576 6204

Patent Office Branch,
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Besant Nagar, Chennai-600 090.

The States of Andhra Pradesh,
Karnataka, Kerala, Tamilnadu and
Pondicherry and the Union
Territories of Laccadive, Minicoy
and Amindivi Islands.

Telegraphic address "PATENTOFIS"
Phone No. 490 1495
Fax No. 044 490 1492.

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O.
Building, 5th, 6th & 7th
Floors, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"
Phone No. 247 4401
Fax No. 033 247 3851.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and the Patents (Amendment) Act, 1999 or the Patents Rules, 1972 as amended by The Patents (Amendment) Rules, 1999 will be received only at the appropriate offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय
एकसय तथा अभिकल्प
कलकत्ता, दिनांक 1 जुलाई 2000

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप से प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टांडी इस्टेट,
तीसरा तल, लोअर परले (प.),
मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा सौराष्ट्र राज्य क्षेत्र एवं संघ
शासित क्षेत्र, वमन तथा दोब एवं
वाडर और नगर हवेली ।

तार पता - "पेटेंटॉफिस"

फोन : 482 5092 फैक्स : 022 4950 622

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
राजाजी भवन, बमन नगर,
चेन्नई-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्रे चंडीगढ़ ।

तार पता - "पेटेंटॉफिस"

फोन : 578 2532 फैक्स : 011576 6204

पेटेंट कार्यालय शाखा,
विंग सी (सी-4, ए),
तीसरा तल, राजाजी भवन, बमन नगर,
चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनीकाय
तथा एमिनीदीब द्वीप ।

तार पता - "पेटेंटॉफिस"

फोन : 490 1495 फैक्स : 044-490 1492

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"

फोन : 247 4401 फैक्स : 033 247 3851

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, चिक्करण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किये जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अब स्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है ।

Application for Patents filed at the Patent Office Branch, Wing C (C-4 'A'), III Floor Rajaji Bhavan Nagar, Chennai-600 090.

21-02-2000

130/Mas/2000. Sree Chitra Tirunal Institute for Medical Sciences and Technology, Poojappura. An Institute of National Importance under Govt. of India. A method of coating polymeric materials with growth factor incorporated bioadhesives.

131/Mas/2000. Lucent Technologies Inc. Method and system for compensation of channel distortion using LaGrange polynomial interpolation. (February 22, 1999; US).

132/Mas/2000. Lucent Technologies Inc. Proxy server supporting IP quality of service. (February 26, 1999; Europe).

133/Mas/2000. Lucent Technologies Inc. Non-Encapsulation mobile IP. (February 26, 1999; Europe).

134/Mas/2000. Lucent Technologies Inc. Mobile IP supporting quality of service. (February 26, 1999; Europe).

135/Mas/2000. Matsushita Electric Industrial Co. Ltd. Wireless receiver, wireless receiving method, and recording medium. (March 29, 1999; Japan).

136/Mas/2000. Dr. K. Ravindran. Collagen—chitosan-an absorbable GTR (guided tissue regeneration) membrane.

137/Mas/2000. T. Ramachandran. A process for manufacturing air-jet texturised silk filament and a system for manufacturing the said silk filament.

138/Mas/2000. T. Ramachandran. A process for manufacturing knit 3e-knit texturised silk filament and a system for manufacturing the said silk filament.

22-02-2000

139/Mas/2000. Jassim Jamal. Jassim's engine

140/Mas/2000. Multotec process equipment (proprietary) Limited. Hydrocyclone with removal of misplaced coarse fraction in overflow. (February 22, 1999; South Africa).

141/Mas/2000. Linde Technische Case GmbH Double column system for the low-temperature fractionation of air. (February 26, 1999; Germany).

142/Mas/2000. Hoffmann-La Roche Ag. Manufacture of cycloalkenylpolyene esters. (February 22, 1999; Europe).

23-02-2000

143/Mas/2000. Dana Corporation. Axle housing with a deflector (February 24, 1999; USSN).

144/Mas/2000. Hoffmann-La Roche Ag. 4-phenyl-pyridine derivatives. (February 24, 1999; Europe).

145/Mas/2000. Asea Brown Boveri Ag. Cam disc for the drive of a disconnector, and a method for producing such a cam disc. (February 24, 1999; Germany).

24-02-2000

146/Mas/2000. Dollar Company (P) Ltd. Ayurvedic cream and lotion.

147/Mas/2000. Rajeev Shrikant Kalsoor. A structural member for use in the manufacture of furniture.

25-02-2000

148/Mas/2000. Indian Institute of Science. Rupturable disposable syringe.

149/Mas/2000. Lakshmi Machine Works Ltd. An improved drafting zone in textile machinery for reducing hair formation in yarn.

150/Mas/2000. Ciba Specialty Chemicals Holding Inc. Hydroxy-substituted N-alkoxy hindered amines. (February 25, 1999; USA).

151/Mas/2000. Matsushita Electric Industrial Co., Ltd. Radio selective-paging system and display method therefor. (April 9, 1999; Japan).

152/Mas/2000. Dr. Patell Viloo Morawala. Transgenic rice over-expressing mitochondrial manganese superoxide dismutase manifesting resistance to environmental stress. - Oxidative stress management-targeting MnSOD to the chloroplast.

153/Mas/2000. Dr. Patell Viloo Morawala. RNA editing as a molecular tool to generate cytoplasmic male sterile line in rice and other crops.

154/Mas/2000. Dr. Patell Viloo Morawala. Bio-informatic approach towards the development of probes and kits for use in marker assisted selection for drought and disease resistance germplasm screening.

155/Mas/2000. Dr. Patell Viloo Morawala. Process for generating genetically modified pearl millet through agrobacterium and biolistic transformation.

156/Mas/2000. Dr. Patell Viloo Morawala. Expressed sequence tags generated for salinity tolerance from rice as sequenced markers using RNA differential display.

157/Mas/2000. Johnson's Medicom (P) Ltd. Triplet clustering & computing of heterogeneous matters and its application to compute the communications of the communities. (Div. to Patent Application No. 987/Mas/99 dt. 11th October 1999).

6-03-2000

179/Mas/2000. N.A. Vrishabaddoss Jain. Power Circle. (Div. to Patent Application No. 806/Mas/99 dated 11th August 1999).

180/Mas/2000. F.Hoffmann-La Roche Ag. Astaxanthin synthetase. (March 9, 1999; Europe).

181/Mas/2000. Robert Bosch GmbH. Method and device for the transient operation of an internal combustion engine in particular for a motor vehicle. (March 6, 1999; Germany).

182/Mas/2000. Shimano (Singapore) Pvt. Ltd. Shimano Inc. Tool for a cable fixing bolt. (May 28, 1999; US).

183/Mas/2000. Shimano Inc. Handlebar adapter for mounting a bicycle display. (June 28, 1999; US).

7-03-2000

184/Mas/2000. Registrar, Tamil Nadu Agricultural University. A multipurpose device for the management of insects and rodents.

185/Mas/2000. G.R.C. Rajan. Wail climber equipment.

186/Mas/2000. ABB Research Ltd. Method for assessing the reliability of technical systems. (March 8, 1999; Germany).

187/Mas/2000. Miguel Angel Guillo Vergara. Woven label of tubular cloth containing an anti-theft detector used in clothing, footwear and leather goods. (April 20, 1999; Spain).

188/Mas/2000. Tyco Electronics Corporation. Fiber optic splice organizer with splicing tray and associated method. (March 22, 1999; US).

189/Mas/2000. International Business Machine Corporation. Dynamic I/O allocation in a partitioned computer system. (March 31, 1999; US).

190/Mas/2000. International Business Machine Corporation. PCI slot control apparatus with dynamic configuration for partitioned systems. (March 31, 1999; US).

191/Mas/2000. Lucent Technologies Inc. Orthogonal frequency division multiplexing based spread spectrum multiple access. (March 11, 1999; US).

192/Mas/2000. Lucent Technologies Inc. Orthogonal frequency division multiplexing based spread spectrum multiple access system using directional antenna. (March 11, 1999; US).

193/Mas/2000. Lucent Technologies Inc. Orthogonal frequency division multiplexing based spread spectrum multiple access. (March 11, 1999; US).

8-03-2000

194/Mas/2000. Urea Casale S. A. Method for the simultaneous modernization of a plant for ammonia production and a plant for urea production. (March 31, 1999; Europe).

195/Mas/2000. Schneider Electric Industries SA. Electronic trip device with phase reconstitution and a circuit breaker comprising such a trip device. (April 14, 1999; France).

9-03-2000

196/Mas/2000. V. V. Thangathirupathy. Fingered tooth brush with vertically and independently swinging bristle lines.

197/Mas/2000. Shimano Inc. Assisting apparatus for shifting a bicycle transmission. (November 30, 1999; US).

198/Mas/2000. Nokia Mobile Phones, Ltd. Mobile equipment and networks providing selection between USIM/SIM dependent features. (June 7, 1999; US).

10-03-2000

199/Mas/2000. Sree Chitra Tirunal Institute for Medical Sciences & Technology. Polyethylene glycol pericardium and a process for the preparation thereof.

200/Mas/2000. Ciba Specialty Chemicals Holding Inc. Azos, their preparation and their use. (March 11, 1999; Europe).

201/Mas/2000. Monsanto Company. Microcapsules with readily adjustable release rates.

202/Mas/2000. Urea Casale S. A. Method for modernizing a urea production plant. (March 16, 1999; Europe).

13th March, 2000

- 203/Mas/2000. Sree Chitra Thirunal Institute for Medical Science and Technology. Improved venous reservoir with integral cardiomy reservoir for blood oxygenator.
- 204/Mas/2000. Dr. Jose Thaikattil. Pressure cooker.
- 205/Mas/2000. Robert Bosch GmbH. Capsule-part carrier in a filling and closing machine for two-part capsules. (March 13, 1999; Germany).

14th March, 2000

- 206/Mas/2000. Sri R.V.S.S. Avadhamulu. Design of computerised multilingual multimedia vedic data base.
- 207/Mas/2000. Lucent Technologies Inc. A method of power control for a wireless communication system having multiple information rates. (March 15, 1999; US).
- 208/Mas/2000. Sumitomo Chemical Company Limited. Apparatus and process for producing E-caprolactam. (March 16, 1999; Japan).
- 209/Mas/2000. Haldor Topsøe A/S. Process for the preparation of ammonia and ammonia synthesis catalyst. (March 15, 1999; Denmark).
- 210/Mas/2000. Morimura Kōsan Kabushiki Kaisha. Solid-liquid filtering method and system for sewage, waste water and the like.
- 211/Mas/2000. Schneider Electric Industries SA. Snap-on rail mounted electrical device. (March 15, 1999; France).

15th March, 2000

- 212/Mas/2000. Joseph Jacob. Handheld ticketer.
- 213/Mas/2000. Nokia Mobile Phones Ltd. Method for communicating information. (March 16, 1999; Finland).
- 214/Mas/2000. Space Systems/Loral Inc. Expendable launch vehicle. (April 9, 1999; US).
- 215/Mas/2000. Matsushita Electric Industrial Co. Ltd. Illumination Apparatus and portable information apparatus having the same. (March 19, 1999; Japan).
- 216/Mas/2000. Phenolchemie GmbH & Co. Kg. Process for the preparation of laughing gas. (March 16, 1999; Germany).

16th March, 2000

- 217/Mas/2000. Sanyo Electric Co. Ltd. A washing machine or an apparatus having a rotatable container. (March 29, 1999; Japan).
- 218/Mas/2000. Dana Corporation. High load bearing UV coating for cylinder head gaskets and head gasket incorporating the same. (March 31, 1999; USSN).
- 219/Mas/2000. Maschinenfabrik Rieter Ag. A method of winding a thread. (Div. to Patent Application No. 898/Mas/94 dt. 14th September 1994).
- 220/Mas/2000. ABB Research Ltd. Fuel Synthesis. (March 24, 1999; Europe).
- 221/Mas/2000. SMS Schloemann-Siemag Aktiengesellschaft. Device for controllably influencing the friction forces between the guide surfaces and contact surfaces of bearing chocks of the rolls guided in the housing windows of roll stands. (March 16, 1999; Germany).
- 222/Mas/2000. Koninklijke Philips Electronics N.V. Wireless network with user clock synchronization (March 19, 1999; Germany).

ALTERATION OF DATE

- 184179
Patent No. (104/Mas/96) Ante-dated to : 03-11-1993.
- 184186
Patent No. (1034/Mas/98) Ante-dated to 30th October 1996.
- 184187
Patent No. (1035/Mas/98) Ante-dated to : 30th October 1996.
- 184189
Patent No. (1787/Mas, 98) Ante-dated to : 22nd May 1996.
- 184199
(27/Cal/99) Antidated to : 13th Jan. 1995.
- 184200
(28/Cal/95) Antidated to : 13th Jan. 1995.

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Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

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In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबंधित आवेदननों में से किसी पर पेटेंट अनुदान को विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि में उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदनित हो, एक महीने की अवधि से अधिक न हो, के भीतर कमी भी निबंधक एकरव को उपयुक्त कार्यालय में ऐसे विरोध की सूचना लिखित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज की प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के ज्ञान

या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम-36 के तहत यथाविहित उक्त सूचना की तिथि से 60 दिन के भीतर फाइल कर दिए जाने चाहिए।

प्रत्येक विनिर्देश के संबंध में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुक्रम हैं ॥

विनिर्देश तथा चित्र आरखे, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके द्वारा कार्यालयों से यथाविहित 30 रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरखे, यदि कोई हों, की छापी प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके द्वारा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30 रुपये की अदायगी पर की जा सकती है।

Ind. Cl. : 68 B

184171

Int. Cl.⁴ : A 47 C 23/00

IMPROVED RESILIENT SHAPED ARTICLES SUCH AS MATTRESSES, CUSHIONS AND PILLOWS AND A METHOD OF MAKING SUCH ARTICLES.

Applicant : PAKKANDATHIL KUNJUPILLAI RAJAN, PHYSICRAFTS, SWAPNA KOLLAM-691 001, KERALA INDIA. (AN INDIAN NATIONAL).

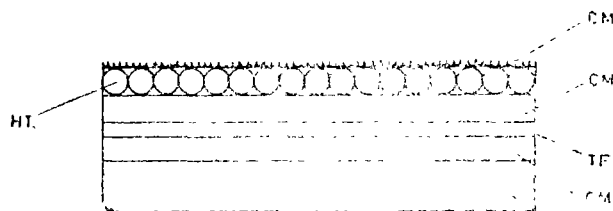
Inventor : PAKKANDATHIL KUNJUPILLAI RAJAN.

Application No. 418/Mas/94 filed on 19th May 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

24 Claims

Improved resilient shaped articles such as mattresses, cushions and pillows comprising a plurality of compressed layers consisting of a base layer of thermoplastic resinuous material, at least two layers of compressible materials like coir pith, fibres, cork granules/powder and coconut husk granules sandwiching there between a layer of thermoplastic foam, a plurality of hollow, flexible thermoplastic tubes, uniformly disposed over the said top layer of compressible material, the interspaces or the voids and the top surface of the said tubes being provided with a layer of the said compressible material admixed with microspheres of polystyrene, and a polyurethane foam layer having loosely embedded thereon a plurality of mobile nodules, the assembly of layers forming a consolidated body.



Compl. Specn. 16 Pages;

Drgs. One Sheet.

Ind. Cl. : 94 H

184172

Int. Cl.⁴ : B 02 C 17/10

RING ROLLER MILL.

Applicant : F. L. SMIDTH & CO. A/S, 77 VIGERSLEV ALLE, DK-2500 VALBY, COPENHAGEN, DENMARK. A DANISH COMPANY.

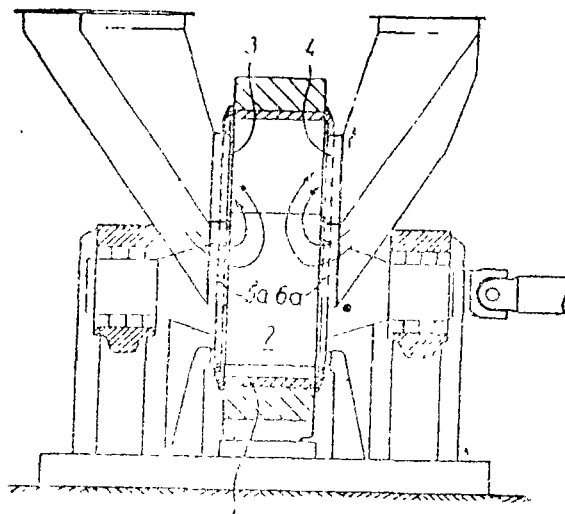
Inventor : 1. JAN FOLSBERG.

Application No. 511/Mas/94 filed on 15th June 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A ring roller mill for grinding mineral clinker materials or the like and comprising at least one grinding ring and at least one roller as well as air inlet and outlet openings, characterized in that the mill comprises at least one air outlet opening (3) provided within the outer circumference of the grinding ring (1) and at least one air inlet opening (5a, 5b) provided on each side of the air outlet opening (3) in the rotating direction of the grinding ring (1).



Compl. Specn. 9 Pages;

Drgs. 2 Sheets.

Ind. Cl. : 40 B

184173

Int. Cl.⁴ : B 01 J 35/06

A GAS PERMEABLE WARP-KNIT FABRIC OF NOBLE METAL-CONTAINING WIRES AND METHOD FOR THE PRODUCTION THEREOF.

Applicant : W. C. HERAEUS GMBH & CO. KG, HERAEUSSTRASSE 12-14, 63450 HANAU, GERMANY, (A GERMAN COMPANY).

Inventors :

1. MAREK GORYWODA.
2. MICHAEL HORMANN.
3. BRUNO STREB.
4. GUNTER LINDENMAYER.
5. DAVID FRANCIS LUPTON.

Application No. 611/Mas/94 filed on 8th July 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

A gas permeable, warp-knit fabric of noble metal-containing wires, comprising stitches each having a head, two legs and two feet, forming stitch rows or stitches which are laterally adjacent to one another and forming wales of stitches which are arranged one above the other, whereby the junctions of feet of stitches of adjacent stitch rows form sinker loops, characterized in that the warp knit fabric has closed stitches, with at least 14 stitches per inch of stitch row and that at least one of the loops forming the warp-knit fabric has an underlap, in which each sinker loop crosses over at least two wales of stitches.

Compl. Specn. 18 Pages;

Drg. One Sheet.

Ind. Cl. : 32 E

184174

Int. Cl.⁴ : C 08 F 216/00

A PROCESS FOR THE PREPARATION OF A MODIFIED POLYTETRAFLUOROETHYLENE.

Applicant : DYNEON GMBH, D-84504 BURGKIRCHEN, GERMANY. (A CORPORATION ORGANISED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY).

Inventors :

1. BERND FELIX.
2. KLAUS HINTZER.
3. GERNOT LOHR.
4. THOMAS SCHOTTLE.

Application No. 708/Mas/94 filed on 28th July 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

A process for the preparation of a modified polymer of tetrafluoroethylene having a content of 0.01 to 1% by weight of perfluoro-(alkyl Vinyl) ether units with 1 to 4 carbon atoms in the perfluoroalkyl chain which comprises reacting the monomers of tetrafluoroethylene and monomers selected from the group defined by "perfluoro-(alkyl vinyl) ether units with 1 to 4 carbon atoms in the perfluoroalkyl chain by the suspension process in an aqueous medium, initiators such as herein described and polymerization auxiliaries essentially not being employed in the form of ammonium salts.

Comp. Specn. 12 Pages;

Drgs. Nil Sheet.

Ind. Cl. : 37 A

184175

Int. Cl.⁴ : B 03 B 5/34, B 03 B 9/02, C 10 G 33/06 & C 10 G 1/00.

A METHOD AND APPARATUS FOR SEPARATING OIL FROM SAND PARTICLES COATED WITH OIL.

Applicant : MERPRO TORTEK LIMITED, BRENT AVENUE, FORTIES ROAD INDUSTRIAL ESTATE, MONT-ROSE, ANGUS SCOTLAND, DD10 9JA, UNITED KINGDOM, A BRITISH COMPANY.

Inventor : 1. DAVID J. PARKINSON.

Application No. 812/Mas/94 filed on 25th August 1994.

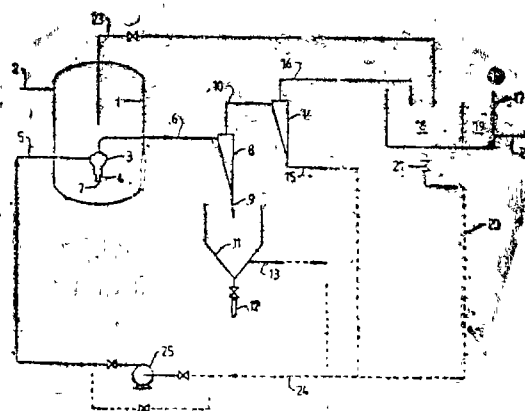
Convention No. 9318414.1 on 6th September 1993 in Great Britain.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

15 Claims

A method for separating oil from sand particles coated with oil, the method comprising loading the coated particles into a housing (1) containing a fluidizing unit (3) which has a liquid supply duct (5) with an outlet (4) for feeding water

under pressure from outside the housing, and a discharge duct (6), within the liquid supply duct having at its end an inlet (7), the discharge duct leading to a known separator (8, 14, 17, 40); feeding water to the liquid supply duct such that to form a swirl at the outlet to disperse the oil and sand particles to cause the oil to be stripped, at least partially, from the particles, and causes the oil and sand particles entrained in the water to travel into the discharge duct and hence to a separator, where the oil, water and solid particles undergo separation.



Comp. Specn. 22 Pages;

Drgs. 5 Sheets.

Ind. Cl. : 39.0

184176

Int. Cl.⁴ : C 01 B 33/28

A PROCESS FOR SYNTHESIZING A POROUS CRYSTALLINE ZEOLITE.

Applicant : MOBILE OIL CORPORATION, OF 3225, GALLOWAY ROAD, FAIRFAX VIRGINIA 22037, U.S.A. A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW YORK, U.S.A.

Inventor : ERNEST W. VALYOCSEK, (U.S.A.)

Application No. 829/Mas/94 dated August 30, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

A process for synthesizing a porous crystalline zeolite herein referred as MCM-58 having an X-ray diffraction pattern shown in Table I

Table I

Interplanar d-Spacing (Å)	Relative Intensity I _i /I _o x 100
10.89+0.30	S-Vs
9.19+0.30	VW
6.55+0.29	VW-W
5.86+0.28	VW-W
5.57+0.27	VW-W
5.43+0.26	VW-W
4.68+0.25	VW-m
4.36+0.25	W-Vs
4.17+0.23	VW-m
4.12+0.23	VW-s
3.78+0.20	WV-s
3.61+0.15	VW-W
3.54+0.15	VW
3.44+0.15	VW-m
3.37+0.15	VW-m
3.06+0.15	VW-m
2.84+0.15	VW
2.72+0.13	VW
2.66+0.12	VW
2.46+0.12	VW
2.17+0.10	VW

comprising the steps of preparing a reaction mixture containing an alkali or alkaline earth; metal (M), an oxide of trivalent element (X), an oxide of tetravalent element (Y), water and a known directing agent (R), said reaction mixture having a molar ratio within the following range

YO_3/X_2O_3	15 to 1000
H_2O/YO_3	5 to 200
OH/YO_3	0 to 3
M/YO_3	0 to 3
R/YO_3	0.02 to 1.0

heating said reaction mixture and maintaining a temperature of 80°C to 250°C till crystals having a molar ratio of X_2O_3 : (n) YO_3 where X and Y are as described herein above and n is from greater than 10 to 1000 are formed and thereafter recovering the said crystals by known means.

Comp. Specn. 25 Pages;

Drgs. 3 Sheets.

Ind. Cl. : 32 E

184177

Int. Cl.⁴ : C 08 F 214/26

A PROCESS FOR PREPARING A MODIFIED POLYMER OF TETRAFLUOROETHYLENE.

Applicant : DYNEON GMBH OF D-84504 BURGKIRCHEN, GERMANY; A CORPORATION ORGANISED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY.

Inventors :

- (1) BERND FELIX
- (2) KLAUS HINTZER
- (3) GERNOT LOHR

Application No. 869/Mas/94 filed on 06th September 1994

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

A process for preparing a modified polymer of tetrafluoroethylene containing from 0.02 to 0.25% by weight of units of a perfluoro (alkyl vinyl ether) having from 1 to 4 carbon atoms in the perfluoroalkyl chain, which comprises polymerizing the monomers in aqueous medium by the suspension process at temperature below 60°C using the salt of an acid containing manganese in a higher oxidation state as initiator.

(Compl. Specn. 15 Pages;

Drawings Nil Sheet)

Ind. Cl. : 104 P

184178

Int. Cl.⁴ : C 08 J 3/24

A PROCESS FOR THE PRODUCTION OF A VULCANIZED RUBBER COMPOSITION.

Applicant : AKZO NOBEL NV, VELPERWEG 76, 6824 BM ARNHEM, THE NETHERLANDS A DUTCH COMPANY.

Inventors :

1. RABINDRA NATH DATTA
2. ARIE JACOB DE HOOG
3. JOHANNES HERMANUS WILBRINK.

Application No. 945/Mas/94 filed on 28th September 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A process for the production of a vulcanized rubber composition comprising the vulcanization at a temperature from 110 to 220°C for upto 24 hours of a vulcanizable rubber composition comprising 100 parts by weight of at least one natural or synthetic rubber; 0 to 25 parts by weight of sulfur and/or a sufficient amount of a sulfur donor to provide the equivalent of 0 to 25 parts by weight of sulfur, said process being carried out in the presence of 0.1 to 5 parts by weight of at least one anti reversion coagent comprising at least two groups selected from citra-conimide and/or itaconimide groups, and 0.1 to 25 parts by weight of at least one sulfide resin of the general formula $HZ_1-(S_x-Z_2)_n-S_x-Z_3H$ wherein Z_1 , Z_2 and Z_3 are independently selected from linear, or branched C_1-C_{18} alkylene groups, C_7-C_{18} alkenylene groups, C_2-C_{18} alkynyl groups, C_6-C_{18} arylene groups, C_7 to C_{80} alkarylene groups, C_7 to C_{80} aralkylene groups, C_6-C_{18} cycloalkylene groups, optionally containing one or more hetero atoms, optionally substituted with hydroxy, amino, thiol and halogen groups; each x is independently selected from an integer of 1 to 10 and n is an integer of from 1 to 100 with the proviso that the sulfur donor, anti reversion, agent and the sulfide resin do not have the same structure to produce said vulcanised rubber composition.

Ref : U.S. Patent No. 2422156, 3992362, 4873290.

(Compl. Specn. 49 pages,

Drgs. Nil)

Ind. Cl. : 55 E1

184179

Int. Cl.⁴ : A 61 K 39/00, C 12 P 21/00.

A METHOD OF PRODUCING A VACCINE FOR PREVENTION OR TREATMENT OF GASTRIC INFECTION.

Applicant : ORAVAX INC., A CORPORATION DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, USA. 230, ALBANY STREET, CAMBRIDGE, MA 02139, U.S.A.

Inventors : 1. PIERRE MICHETTI; 2. ANDRE BLUM; 3. CATHERINE DAVIN; 4. RAINER HAAS; 5. IRENE CORTHESY-THEULAZ; 6. JEAN PIERRE KRAHENBUHL; 7. EMILIA SARAGA.

Application No. 104/Mas/96 filed on 19th January, 1996.

Divisional to Patent Application No. 782/Mas/93, Antedated to 3-11-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A method of producing a vaccine for prevention or treatment of gastric infection comprising culturing a host cell expressing polyaminoacids having urease epitopes endogenous to a elicobacter organism, harvesting the culture, extracting and concentrating therefrom a solution containing the polyaminoacids and preparing a vaccine herefrom by known means.

(Compl. Specn. 28 pages;

Drgs. 4 sheets)

Ind. Cl. : 55 E

184180

Int. Cl.⁴ : C 08 J 5/16.

A PROCESS FOR THE PREPARATION OF CROSS-LINKED POLYMERS CONTAINING RELATIVELY UNSTABLE DRUG.

Applicant : SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY, AN INDIAN INSTITUTE OF BIOMEDICAL TECHNOLOGY WING, SATELMOND PALACE, TRIVANDRUM 695012, INDIA.

Inventors : 1. KOTHANDARAMAN RATHINAM; 2. ASOKAN KUTTIYL; 3. KUNNATHEERY SREENIVASAN.

Application No. 571/Mas/97 filed on 19th March 1997.

Complete specification Left 19 March 1998.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

17 Claims

A process for the preparation of cross-linked polymers containing relatively unstable drug incorporated alginated microspheres comprising the steps of :

1. preparing a 0.5 to 2% solution of sodium alginate in water;
2. adding a drug as herein described to the sodium alginate solution followed by stirring to get a clear solution;
3. adding the said solution dropwise into 3-10% calcium chloride solution to obtain microspheres as herein described;
4. preparing a solution of a polymer as herein described in water by stirring, heating and cooling;
5. adding the said drug containing microspheres to the said cooled polymer solution to prepare a mixture;
6. adding to the said mixture an inorganic acid such as hydrochloric acid followed by 0.5--1.5ml of 4% glutaraldehyde;
7. washing the said mixture to obtain the cross linked polymer film containing drug incorporated alginated microspheres.

(Prov. 7 pages; Comp. 11 pages; Drgs. nil sheet)

Ind. Cl. : 113 B.

184181

Int. Cl.⁴ : F 23 Q - 2/00

A FLAME PRODUCING LIGHTER.

Applicant : BIC CORPORATION, INCORPORATED UNDER THE STATE OF NEW YORK, 500 BIC DRIVE, MILFORD, CONNECTICUT 06460, U.S.A.

Inventor(s) :

1. JAMES M. MC DONOUGH.
2. CHRIS A BARONE.
3. MICHEL DOUCET.

Application No. 759/Mas/93 filed on 25th October 1993.

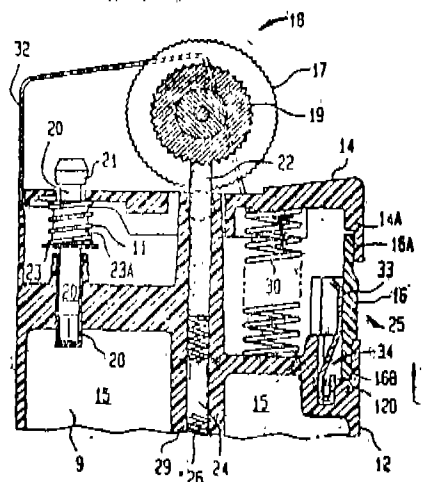
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Chennai Branch.

12 Claims

A flame producing lighter, comprising a housing (12) defining a reservoir for containing a combustible gaseous medium under pressure; a valve (28) adapted to release the combustible gaseous medium from said reservoir; a valve actuator (14) operatively engaged with said valve (28) for actuating said valve (28) from a closed position to an open position, such that when said valve actuator (14) is depressed along a longitudinal axis of said housing (12), the gaseous medium is released through said valve (28); means (18, 22, 66, 68)

for igniting said gaseous medium; a latch member (16, 116) having a finger actuatable portion (16D), said latch member (16, 116) positioned so as to interfere with the movement of said valve actuator (14) along said longitudinal axis to resist actuation of said valve (28) to the open position, said finger actuatable portion (16D) movable in an inward direction toward said longitudinal axis so as to move said latch member (16, 116) to a position out of interference with said valve actuator (14); and biasing means (33) disposed in the housing (12) and operatively engaged with said latch member (16, 116) to bias said latch member (16, 116) towards the interference position.

FIG. 2



(Compl. Specn. 46 Pages;

Drgs. 9 Sheets)

Ind. Cl. : 113 B.

184182

Int. Cl.⁴ : F 23 Q - 2/00,

F 23 D - 11/36.

A FLAME PRODUCING LIGHTER.

Applicant : BIC CORPORATION, INCORPORATED UNDER THE STATE OF NEW YORK, 500 BIC DRIVE, MILFORD, CONNECTICUT 06460, U.S.A.

Inventors :

1. JAMES M. MC DONOUGH.
2. MICHEL DOUCET.

Application No. 761/Mas/93 filed on 25th October 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Chennai Branch.

12 Claims

A flame producing lighter comprising :

a housing defining a reservoir for containing a combustible gaseous medium under pressure;

valve means operatively engaged with said reservoir for releasing the gaseous medium;

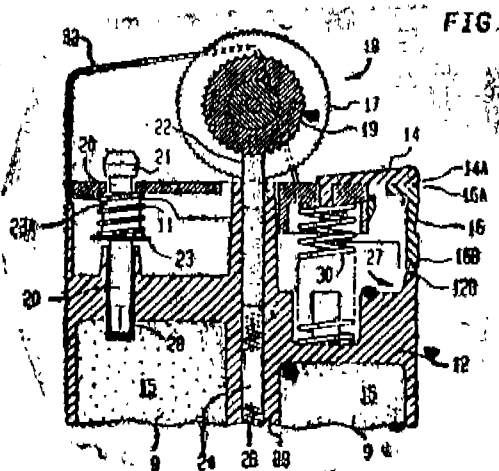
valve actuator disposed for selective actuation of said valve means between a closed position which prevents flow of the gaseous medium from said reservoir and an open position which permits flow of the gaseous medium from said reservoir through said valve means;

ignition means for igniting said gaseous medium;

a latch member slidably mounted to said valve actuator, said latch member having an interfering portion and a finger actuatable portion, said latch being normally in an interfering

position so as to interfere with movement of said valve actuator along a longitudinal axis of said housing from the closed position to the open position, said finger actuable portion being selectively movable inward towards the longitudinal axis of said housing and then movable in a second direction along said longitudinal axis so as to move said interfering portion out of the interfering position into a non-interfering position; and

wherein said latch member has means for cooperating with the valve actuator to bias the latch member toward the closed position.



(Compl. Specn. 59 Pages;

Drgs. 13 Sheets)

Ind. Cl. : 63 B, 1.

184183

Int. Cl.⁴ : H 02 K 16/02, H 02 P 9/00.

HYBRID ALTERNATOR.

Applicant : ECOAIR CORPORATION, FIVE SCIENCE PARK, SUITE 2023, NEW HAVEN, CONNECTICUT 06511, USA, A DELAWARE CORPORATION.

Inventor : CHARLES SYVERSON.

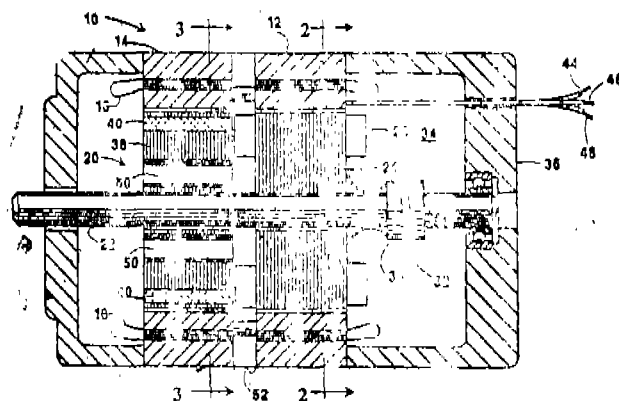
Application No. 35/Mas/1994 filed on 20th January 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Chennai Branch.

27 Claims

A hybrid alternator comprising a stator having at least one stator winding; a rotor mounted for rotation within the stator and separated therefrom by a radial air gap, the rotor having a shaft mounted for rotation within the stator, a wound field rotor portion mounted on the shaft for rotation within a first longitudinal region of the stator, the wound field rotor portion having a plurality of laminations disposed perpendicular to the shaft, a rotor winding and multiple electromagnetic poles defined by a plurality of radially oriented projections from each of said laminations, one for each of said electromagnetic poles, the laminations being stacked together to form a salient pole rotor core and the rotor winding being wound around the radial projections of the rotor core to form a plurality of coils around the rotor core, adjacent ones of said coils being wound in opposite directions to produce alternating north and south magnetic fields in adjacent ones of said electromagnetic poles when current is passed through the rotor winding, and a permanent magnet rotor portion mounted on the shaft in longitudinally spaced relation to the wound field rotor portion for rotation within a second longitudinal region of the stator, the permanent magnet rotor portion having multiple permanent magnetic poles defined by one or more permanent magnets, the

number of permanent magnetic poles corresponding in number to the number of said electromagnetic poles in the wound field rotor portion.



(Compl. Specn 21 Page;

Drgns. 8 Sheets)

Ind. Cl. : 32 F1

184184

Int. Cl.⁴ : C 07 D 277/04.

A PROCESS FOR PRODUCING A CHLOROACETYL-AMINOTHIAZOLE-ACETIC ACID DERIVATIVE.

Applicant : TOKUYAMA CORPORATION, OF 1-1, MIKAGE-CHO, TOKUYAMA-SHI, YAMAGUCHI-KEN, JAPAN, A JAPANESE COMPANY.

Inventors :

1. TOMONORI MATSUNAGA
2. FUMIAKI IWASAKI

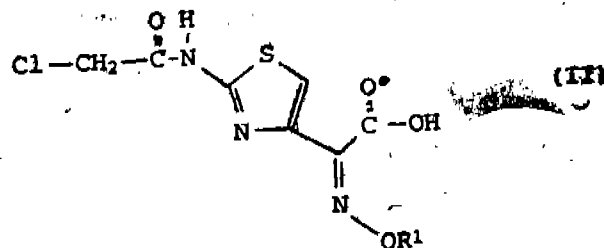
Application No. 306/Mas/98 filed on 17th February 1998.

Convention No. 232870/97 on 28th August 1997 in Japan

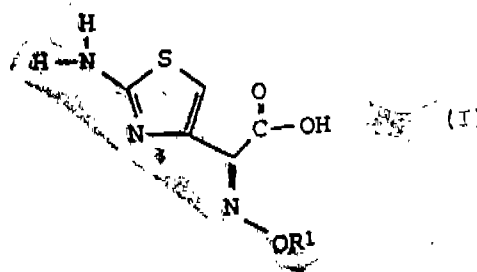
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A process for producing a chloroacetylaminothiazoleacetic acid derivative represented by the following formula II



wherein R¹ is a protection group for the hydroxyl group such as herein described comprising reacting an aminothiazoleacetic acid derivative represented by the following formula I



wherein R¹ is as defined above with a known chloroacetylating agent in the presence of a known acid trapping agent and recovering the compound of formula II from the reaction mixture in a known manner.

(Comp. Specn. : 51 pages;

Drgs. : Nil sheet)

Ind. Cl. : 83 B3 B4.

184185

Int. Cl.⁴ : A23 B — 7/156.

A PROCESS FOR MAKING RETORT STERILIZED SAUTED ONIONS.

Applicant : RAMAN AHILAN, MANAGING DIRECTOR, TRADE AND TECHNOLOGY INTERNATIONAL OF # 1/1, CENOTAPH ROAD 1ST LANE CENOTAPH ROAD, TEYNAMPET, CHENNAI-600 018. INDIA.

Inventors : RAMAN AHILAN.

Application No. : 410/Mas 98 filed on 2nd March, 1998.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A process for the manufacture of Retort Sterilized Sauted Onions comprising the steps of :

- (i) cleaning of onions;
- (ii) peeling of onions;
- (iii) cutting said peeled onions;
- (iv) sauting of said cut onions in a fat medium at a temperature of 80°C to 130°C;
- (v) packing said sauted onions in containers and hermetically sealing said containers; and
- (vi) sterilizing said sauted onions in situ within said containers at a temperature of 120°C to 135°C.

(Compl. Specn. : 13 pages;

Drgns. : nil sheet)

Ind. Cl. : 32 F3 (c)

184186

Int. Cl.⁴ : C 07 C 29/00.

A PROCESS FOR PRODUCING AN ALL TRANSFORM HALOGENOPOLYPRENOL COMPOUND.

Applicant : KURARAY CO. LTD., OF 1621 SAKAZU, KURASHIKI-SHI, OKAYAMA 710, JAPAN, A JAPANESE COMPANY.

Inventors :

1. GORO ASANUMA
2. YOSHIN TAMAI
3. KOCHI KANEHIRA.

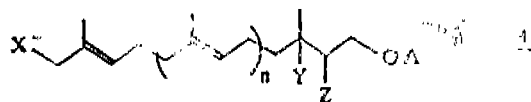
Application No. 1034/Mas/98 filed on 14th May 1998.

Divisional to Patent Application No. 1917/Mas/96, Antedated to 30th October 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

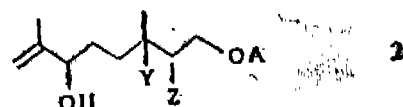
Claims

A process for producing an all-trans-form halogenopolyprenol compound represented by Formula 1

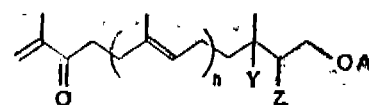


wherein X represents a halogen atom; Y and Z each represent a hydrogen atom, or combine to form a carbon-carbon bond; A represents a known protective group of the hydroxyl group; and n represents an integer of 1 to 6; the said process comprising the steps of :

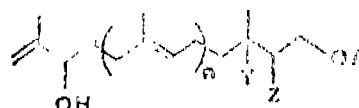
subjecting an alcohol compound represented by Formula



wherein Y, Z and A are as defined above to five-carbon lengthening reaction n-times, where n is as defined above, by reacting said alcohol compound of formula 2 with 2-methyl-3, 3-dimethyl-1-butene to obtain a carbonyl compound represented by the following formula 3



and reducing the carbonyl group of the above carbonyl compound by known methods to obtain a hydroxypolyprenol compound represented formula 4



wherein Y, Z and n are as defined above; subjecting said hydroxypolyprenol compound of formula 4 to halogenation by known methods to obtain the all-trans-form halogenopolyprenol compound of formula 1; and recovering the same from the reaction mixture by known means.

(Compl. Specn. : 101 pages;

Drgs. : Nil sheet)

Ind. Cl. : 32 F3 (C)

184187

Int. Cl.⁴ : C 07 C 29/00.

A PROCESS FOR PRODUCING A POLYPRENOL.

Applicant : KURARAY CO. LTD., OF 1621 SAKAZU, KURASHIKI-SHI, OKAYAMA 710, JAPAN, A JAPANESE COMPANY.

Inventors :

1. GORO ASANUMA
2. YOSHIN TAMAI
3. KOICHI KANEHIRA.

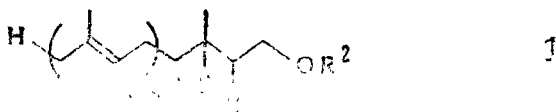
Application No. 1035/Mas/98 filed on 14th May 1998.

Divisional to Patent Application No. 1917/Mas/96, Antedated to 30th October 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

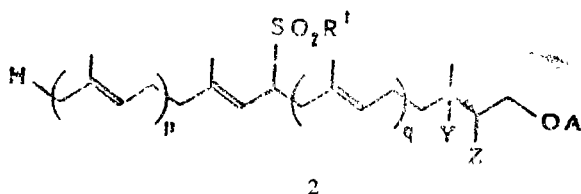
3 Claims

A process for producing a polyprenol compound represented by Formula 1



wherein p and q each represent an integer of 0, 1 or more; Y and Z each represent a hydrogen atom, or combine to form a carbon—carbon bond; R² represents a hydrogen atom or a known protective group of the hydroxyl group; the said process comprising the steps of :

reacting a sulfonylpolyprenol represented by Formula 2



wherein p, q, y and z are as defined above; R¹ represents an alkyl group or an aryl group and A represents a known protective group of the hydroxyl group; with an alkali metal and a polycyclic aromatic compound under known reaction conditions to produce the polyprenol of formula 1; deprotecting the protective group, if desired, in a known manner; and recovering the polyprenol compound of the formula 1 by known means.

(Compl. Specn. : 101 pages;

Drgs. : Nil sheet)

Ind. Cl. : 32 F3 a.

184188

Int. Cl.⁴ : C 07 B 37/04 & C 07 C 69/38.

PROCESS FOR THE C-ALKYLATION OF DIALKYL MALONATES.

Applicant : HULS AKTIENGESELLSCHAFT, OF D 45764 MARL, KREIS RECKLINGHAUSEN, GERMANY, A GERMAN COMPANY.

Inventors :

1. DR. JOSEF METZ
2. CLEMENS OSTERHOLT

Application No. : 1493/Mas/98 filed on 3rd July, 1998.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A process for the C-alkylation of dialkyl malonates having C₁₋₃ alkyl radicals comprising the steps of (a) reacting a dialkyl malonate having C₁₋₃ alkyl radicals with an alkyl halide or a 1, 2-alkylene dihalide such as herein described in the presence of potassium carbonate as a hydrogen halide acceptor in an inert solvent such as herein described (b) characterised in that a phase transfer catalyst such as herein described is added after 50 to 80% of said dialkyl malonate has reacted and (c) isolating the desired product in a known manner.

(Compl. Specn. : 13 pages;

Drgns. : nil sheet)

Ind. Cl. : 32 F1

184189

Int. Cl.⁴ : C 07 C 7/00.

A PROCESS FOR THE PURIFICATION AND ISOLATION OF SUBSTITUTED BENZENE DICARBOXYLIC ACID DICHLORIDE FROM A REACTION MIXTURE.

Applicant : FRUCTAMINE S.P.A., VIA CAPITANI DI MOZZO, 12/16 MOZZO, BERGAMO ITALY, AN ITALIAN COMPANY.

Inventors :

1. MARINA MAURO
2. CARLO FELICE VISCARDI
3. MASSIMO GATTI
4. NICOLA DESANTIS.

Application No. 1787/Mas/98 filed on 7th August 1998.

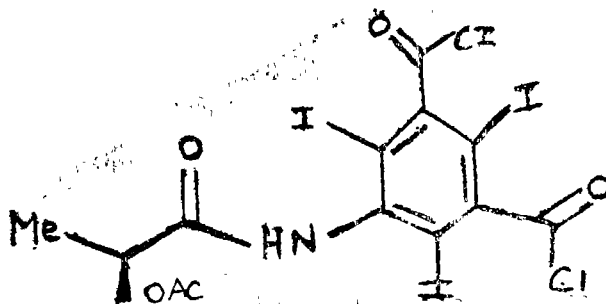
Convention No. MI 95A 001048 on 23rd May 1995 in Italy.

Divisional to Patent Appln. No. 861/Mas/96, Anti-dated to 22-5-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A process for purification and isolation of S-(-)-5-[2-(acetyloxy)-1-oxopropyl]-2, 4, 6-triiodo-1, 3-benzenedicarboxylic acid dichloride of formula I from a crude mixture containing the same.



comprising the steps of diluting a reaction mixture obtained from reacting S-(-)-2-[2-(acetyloxy)] propionic acid chloride with 5-amino-2, 4, 6-triiodo-1, 3, benzene dicarboxylic acid chloride by adding a dilution solvent selected from esters of acetic acid, with linear or branched, C-C₅ alcohols, or mono, di or polychloro C₁ to C₄ alkanes such that the ratio of said dilution solvent and the aprotic dipolar solvent present in the reaction mixture is in the range of 0.3 : 1 to 2.5 : 1 w/w followed by adding water in the ratio of 0.5 to 4 w/w water to the dilution solvent to precipitate pure compound of formula I. and isolating said precipitate therefrom by known methods.

(Compl. Specn. : 21 pages;

Drgs. : Nil sheet)

Ind. Cl. : 32 F 3A.

184190

Int. Cl.⁴ : C 12 P — 19/04.

A PROCESS FOR PRODUCING THE SODIUM SALT OF HYALURONIC ACID.

Applicant : OJILA SUNDARARAMA REDDI AND KRISTAPATI RAMA SHARMA, 265 ROAD NO. 10, JUBILEE HILLS HYDERABAD-500 037, ANDHRA PRADESH, INDIA. (BOTH INDIAN CITIZENS).

Inventors :

1. OJILA SUNDARARAMA REDDI
2. KRISTAPATI RAMA SHARMA

Application No. : 2087/Mas/98 filed on 16th September, 1998.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

10 Claims

A process for producing the sodium salt of hyaluronic acid comprising the steps of mutagenic treatment of streptococcus C strain by the addition of at least one mutagen selected from ethyl methyl sulphonate, methyl sulphonate and nitrosoguanidine to delete hemolysin gene therefrom, separating high yielding strains of the altered Streptococcus C mutant therefrom, culturing the said altered strain in a medium consisting of glucose, casein, yeast, sodium chloride, magnesium sulphate and potassium hydrogen phosphate under known conditions, separating and isolating the sodium salt of hyaluronic acid from the culture medium by known methods.

(Compl. Specn. : 9 pages;

Drgns. : nil sheet)

Int. Cl.⁴ : D 01 H 9/16.

Ind. Cl. : 172 D²/172D₁ (XX).

184191

A MOBILE DEVICE CAPABLE OF TRAVELLING ALONG A RING SPINNING OR RING TWISTING MACHINE FOR REMOVING UNDERWINDINGS.

Applicant(s) : (a) FRITZ STAHLER OF JOSEF-NEIDHART-STRASSE 18, 73337 BAD UBERKINGEN, GERMANY. (b) HANS STAHLER OF HALDEN-STRASSE 20, 73079 SÜSSEN, GERMANY.

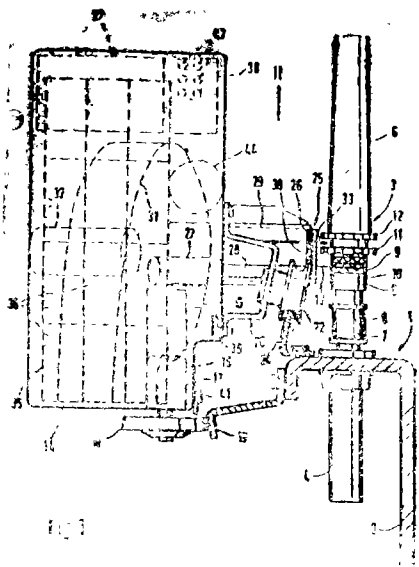
Inventor(s) : FRITZ STAHLER.

Application No. : 776/Cal/95 filed on 07-07-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents, Rules, 1972), Patent Office, Calcutta.

5 Claims

A mobile device (14) capable of travelling along a ring spinning or ring twisting machines (1) for removing underwindings (10) at underwinding surfaces (9) of spindles (3) comprising a plurality of electric motors (16, 27, 32), one connected to the travelling mechanism (15) of the device, one connected to a fan (31) for a suction means (29) located at the device and one connected to a drive of a cutting means (25) belonging to the device wherein at least one accumulator (35) is provided for the power supply to the said electric motors (16, 27, 32) and said device (14) also comprises a control system (37) having a monitoring device (38) for said accumulator (35) as well as for said electric motors (16, 27 32).



(Compl. Specn. : 12 pages;

Drgns. : 3 sheets)

Int. Cl.⁴ : B 25 G 3/24, F 16 B 2/04.

Ind. Cl. : 95 F.

184192

APPARATUS FOR THE DETACHABLE FASTENING OF CLEANING IMPLEMENTS.

Applicant : CORONET-WERKE GMBH OF POST-FACH 1100, 69479 WALD-MICHAELBACH, GERMANY.

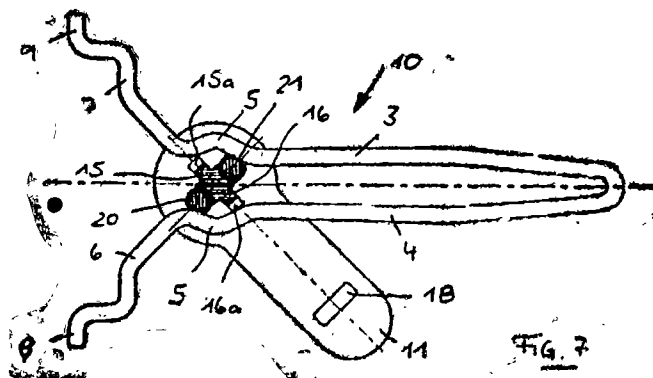
Inventor : GEORG WEIHRAUCH.

Application No. : 787/Cal/95 filed on 10-07-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents, Rules, 1972), Patent Office, Calcutta

11 Claims

Apparatus for the detachable fastening of cleaning implements, such as brooms, scrubbing brushes, etc. to a stick, which has at its end two fork-shaped, resilient arms (3, 4) detachably fixed by means of a fixing device (10) in bores of the cleaning implement, the fixing device having a handle and the operating element which is a toggle body (17) positioned between the arms and which is in engagement with the arms by means of contact faces and spreads the arms outwards or draws them inwards by rotation or displacement, characterized in that the bearing rollers (20, 21) each have a contact face (20a, 21a) which engages the toggle body (17) and during the movement of the toggle body (17) for adjustment said bearing rollers (20, 21) roll on the arms (3, 4).



(Compl. Specn. : 10 pages;

Drgns. : 3 sheets)

Int. Cl.⁴ : H 03 K — 19/00.

Ind. Cl. : 206 E.

184193

A DYNAMIC USER INTERRUPT SYSTEM IN A PROGRAMMABLE LOGIC CONTROLLER.

Applicant : SIEMENS ENERGY & AUTOMATION, INC., OF 3333 OLD MILTON PARKWAY, ALPHARETTA, GA 30202, UNITED STATES OF AMERICA.

Inventors :

1. MITCHELL, RONALD
2. BOOGS, MARK
3. PALERMO, ROBERT J.
4. FULTON, TEMPLE

Application No. : 807/Cal/95 filed on 17-07-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents, Rules, 1972), Patent Office, Calcutta.

1 Claims

A dynamic user interrupt system in a programmable logic controller (PLC) comprising :

a PLC (20) having at least one input (44) and one output (46) terminal for transmitting and receiving respectively predetermined signals;

at least one microprocessor (22) contained in said PLC (20) for executing a user specified plurality of primary calculations and commands wherein said user specified plurality of primary calculations and commands are performed according to a predetermined cyclical order; and

interrupt means ASIC (57) cooperating with said at least one microprocessor for interrupting said predetermined cyclical order and stopping said microprocessor from executing said user specified plurality of primary calculations and commands and for performing at least one secondary set of calculations and commands, said interrupt means initiating said interruption in response to a predetermined user specified condition.

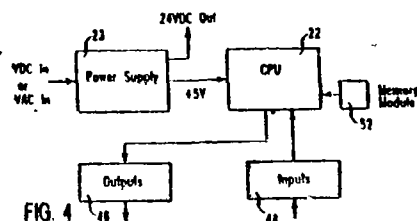


FIG. 4

(Compl. Specn. : 37 pages;

Drgns. : 7 sheets)

Ind. Cl. : 206 E.

184194

Int. Cl.⁴ : H 03 K 19/00.

AN I/O EXPANSION MODULE ADDRESSING APPARATUS.

Applicant : SIEMENS ENERGY & AUTOMATION, INC. OF 3333 OLD MILTON PARKWAY ALPHARETTA, GA 30202 UNITED STATES OF AMERICA.

Inventor : MCNUTT, ALAN D.

Application No. : 809/Cal/95 filed on 17-07-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents, Rules, 1972), Patent Office, Calcutta.

1 Claims

An I/O expansion module addressing apparatus for use with a programmable Logic Controller (PLC), comprising :

at least one I/O module (24) having at least one signal line, said signal lines being connectable to a programmable logic controller, said module having at least one input or output;

control logic serially connected to said signal line, said control logic adaptable to receive and store an address number in ID register presented to it so as to define a module number for each said at least one I/O module; and

whereby said address control logic decrements the address number.

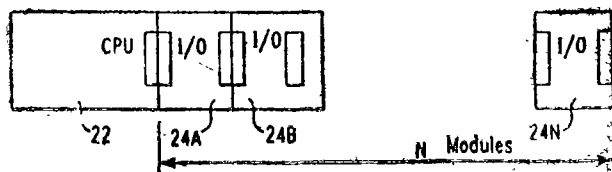


FIG. 5

(Compl. Specn. : 38 pages;

Drgns. : 7 sheets)

Ind. Cl. : 32 B.

184195

Int. Cl.⁴ : C 08 F — 110/14, 210/14, 4/44, 4/64.

A PROCESS FOR PRODUCING A POLYOLEFIN.

Applicant : PHILLIPS PETROLEUM COMPANY OF BATTLESVILLE, OK 74004, UNITED STATES OF AMERICA.

Inventors :

1. M. BRUCE WELCH
2. ROLF L. GEERTS
3. SYRIAC J. PALACKAI
4. TED M. PETTIJOHN

Application No. 1040/Cal/95 filed on 30-08-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents, Rules, 1972), Patent Office, Calcutta.

31 Claims

A process for producing a polyolefin having a molecular weight distribution, i.e. Mw/Mn, greater than 3 which comprises polymerizing at olefin or copolymerizing at least two olefins, said olefin having 2 to 10 carbon atoms, under suitable polymerization conditions in the presence of a catalyst system prepared by combining at least a first and a second Metallocene and an organometallic cocatalyst of the type such as herein described, wherein optionally at least one of the metallocenes is deposited on a solid support, wherein said first metallocene is a fluorenyl-containing bridged metallocene of the formula (z)-R'-(z') MeOk wherein R' is an organo group linking z and z', said organo group being a hydrocarbyl alkylene radical, a divalent dihydrocarbyl germanium radical, a divalent dihydrocarbyl silylene radical, a divalent hydrocarbyl phosphine radical, a divalent hydrocarbyl amine radical, or a divalent dihydrocarbyl tin radical; z is a substituted or unsubstituted fluorenyl radical; z' is as substituted or unsubstituted fluorenyl radical, a substituted or unsubstituted indenyl radical, a substituted or unsubstituted cyclopentadienyl radical, an octahydrofluorenyl radical, or a tetrahydroindenyl radical, each said substituent on z and z' is as hydrocarbyl or hydrocarbyloxy radical containing 1 to 10 carbon atoms; Me is a transition metal, which is Ti, Zr, or Hf; each Q is hydrogen, a hydrocarbyl group having 1 to 40 carbon atoms which is an alkyl group containing 1 to 10 carbon atoms, an aryl group containing 6 to 10 carbon atoms, an alkenyl group containing 2 to 10 carbon atoms, an arylalkyl group containing 7 to 40 carbon atoms, an alkylaryl group containing 8 to 40 carbon atoms, or an alkoxy group containing 1 to 10 carbon atoms, an aryloxy group containing 6 to 10 carbon atoms, or halo; and k is number sufficient to fill the valences of Me; and said second metallocene is an unbridged metallocene of the formula (z) (z') MeOk wherein z, z', Me O and k have the meanings given above; wherein the molar ratio of the first metallocene to the second metallocene is in the range of from 1000/1 to 1/1000, wherein said polymerization conditions include a temperature in the range of -60°C and 300°C and a pressure in the range of 1 to 500 atmospheres, and wherein said first metallocene is used as the sole metallocene under those same polymerization conditions would produce a higher molecular weight than said second metallocene would produce if used as the sole metallocene under those same polymerization conditions.

(Compl. Specn. : 39 pages;

Drgns. : nil)

Ind. Cl. : 172 C, (XX)

184196

Int. Cl. : D 01 G 15/46; 23/04.

AN APPARATUS FOR TREATING FIBER AND PRODUCING A FIBER LAP THEREFROM.

Applicant : TRUTZSCHLER GmbH & CO KG OF DUVENSTRASSE 82-89, D-41199 MONCHENGLABACH, GERMANY.

Inventor : 1. DR. STEFAN SCHLICHTER; 2. PAUL TEICHMANN.

Application No. : 555/Cal/95 filed on 18-05-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

08 Claims.

An apparatus for treating fiber and producing a fiber lap therefrom, comprising in combination :

(a) fiber feeding means (12) for advancing fiber material in a feeding direction;

(b) a carding machine (CM) comprising :

(1) a licker-in assembly (18) disposed downstream of said fiber feeding means as viewed in said feeding direction for receiving the fiber material from said feeding means; said licker-in assembly comprising at least two licker-ins (15, 16, 17) arranged in a series in said feed direction; any one of said licker-ins (15, 16, 17) cooperating with its immediately arranged licker-ins as a take over or opening roll;

(2) a main carding cylinder (19) receiving fiber material from said licker-in assembly;

(3) a plurality of carding flats (22) supported about a circumferential portion of said main carding cylinder and cooperating therewith; and

(4) a doffer (20) receiving fiber material from said main carding cylinder; and

(C) a fiber lap forming device comprising :

(1) a pneumatic fiber stripping device having blowing means for directing an airstream generally tangentially to the doffer for removing and entraining fiber material from said doffer;

(2) a hood (64) having an inner face defining a chamber (65) situated above and downstream of said doffer for receiving fiber material carried from said doffer by said airstream;

(3) an air-pervious receiving member (61) having an upper face and an underside of said receiving member being disposed in said chamber downstream of said doffer;

(4) means for continuously moving said receiving member; and

(5) suction means (71) facing said underside of said receiving member for generating an airstream passing through said receiving member in a direction from said upper face to said underside for drawing fiber material in said chamber onto said upper face of said receiving member for forming a fiber lap thereon.

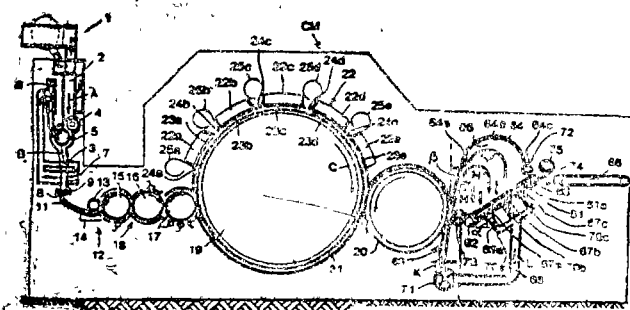


FIG. 1

(Compl. Specn. 11 Pages;

Drgns. 5 sheets)

Int. Cl.⁴ : H 04 L 23/00.

184197

Ind. Cl. : 206 E

APPARATUS FOR ENCODING A CONTOUR OF AN OBJECT.

Applicant : DAEWOO ELECTRONICS CO. LTD. OF 541-5-GA, NAMDAEMOON-RO, JUNG-GU, SEOUL, REPUBLIC OF KOREA.

Inventor : JIN-HUN KIM.

Application No. 1074/Cal/95 filed on 11-09-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

02 Claims.

An apparatus for encoding a contour of an object expressed in a digital video signal, said digital video signal having plurality of frames including a current frame and a previous frame, characterized in that the apparatus consists of :

a first contour detector (103) for detection of a boundary of the object within the previous frame to generate a previous contour, wherein the previous contour provides previous boundary information for tracing the boundary of the object in the previous frame;

a polygonal approximation section (105) for determining a number of vertex points on the previous contour and for providing a polygonal approximation of the previous contour by fitting the previous contour with a plurality of first line segments, to thereby generate vertex information representing the positions of the vertex points of the previous contour, each of the first line segments joining two neighbouring vertex points;

a first sampling and error detector (107) for providing N sample points for each of the first line segment and calculating an error for each of the N sample points on each of the first line segments to produce a first set of errors for each of the first line segments, wherein said N sample points are equi-spaced on each of the first line segments and each of the first set of errors represents the distance between said each of N sample points and the previous contour;

a first transform circuit (109) for transforming the first set of errors for each of the first line segments into a first set of discrete sine transform coefficient;

a second contour detector (113) for detecting a boundary of the object within the current frame to generate a current contour, wherein the current contour provides current boundary information of the object in the current frame;

a vertex prediction block (115) for detecting predicted vertex points based on an estimation of motion between the current and the previous frames through the use of the vertex information and the current boundary information from the current contour, to thereby provide predicted vertex information and motion vectors, i.e. predicted vertex information representing the positions of the predicted vertex points and each of the motion vectors representing a displacement between a vertex point and its corresponding predicted vertex point ;

a second sampling and error detector (117) for providing N sample points for each of second line segment joining two predicted vertex points and calculating an error for each of the N sample points on each of the second line segments to produce a second set of errors for each of the second line segments, wherein said N sample points are equi-spaced on each of the second line segments and each of the errors of the second set represents the distance between said each of the N sample points and the current contour;

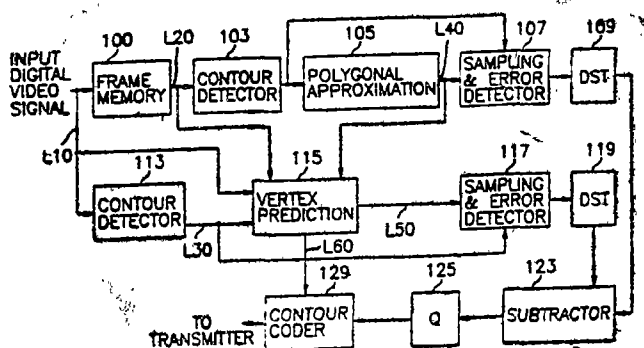
a second transform circuit (119) for transforming the second set of errors for each of the second line segments into a second set of discrete sine transform coefficients.

a subtractor (123) for generating a set of differences by subtracting the second set of discrete sine transform coefficients from the first set of discrete sine transform coefficient corresponding thereto;

a quantizer (125) for converting the set of differences into a set of quantized differences; and

a contour coder (129) for encoding the set of quantized differences and the motion vectors.

FIG. 1



(Com. Specn. 19 pages;

Drgns. 03 sheets)

pt. Cl.⁴ : H 04N-7/13

184198

Ind. Cl. : 186B

VIDEO SIGNAL CODING SYSTEM EMPLOYING SEGMENTATION TECHNIQUE.

Applicant : DAEWOO ELECTRONICS CO. LTD. OF 541. 5-GA, NAMDAEMOON-RO, JUNG-GU, SEOUL, REPUBLIC OF KOREA.

Inventor : MIN-SUP LEE.

Application No. 1335/Cal/95 filed on 30-10-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

2 Claims

A video signal coding system for processing a video signal comprising an encoder for encoding an input video signal and a decoder for decoding the encoded video signal to provide a reconstructed video signal, the input video signal including a plurality of video frames,

Wherein the encode comprises :

a segmentation block (100) for segmenting each of the video frame signals into a plurality of regions to generate contour and texture information for each of the regions, wherein the contour information for each region represents the shape and location of said each region and the respective texture information for each region represents a first mean value of all the pixels contained in said each region;

a detection block for detecting, based on pixel values in the input video signal, a multiplicity of continuous boundaries among boundaries located between adjacent regions and providing boundary information representing the location of each of the continuous boundaries; and

an encoding block (180) for encoding the contour and the texture and the boundary information to provide the encoded video signal; and

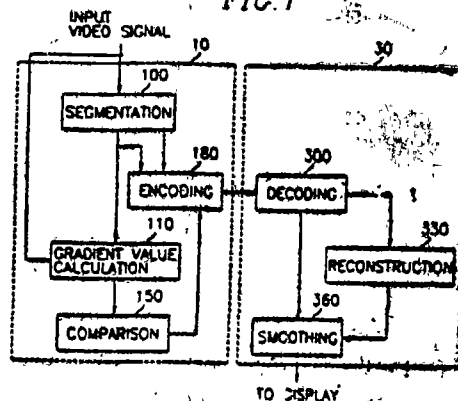
wherein the decoder comprises :

a decoding block (300) for decoding the encoded video signal to thereby provide the contour and the texture and the boundary information;

a reconstruction block (330) for providing a reconstructed video frame signal based on the contour and the texture information for each of the regions; and

a smoothing block (360) for compensating differences between pixel values within a predetermined distance on each side from each of continuous boundaries based on the boundary information, the contour information and the reconstructed video signal, to thereby produce a decoded video signal.

FIG. 1



Comp. Specn. 12 Pages;

Drgns. 2 Sheets.

Int. Cl.⁴ : F 22B 29/06, 15/06

Ind. Cl. : 176 F

184199

A FLUID-CONVEYING TUBE ASSEMBLY FOR A ONCE-THROUGH VERTICAL TUBE STREAM GENERATOR.

Applicant : THE BABCOCK & WILCOX COMPANY OF 1450 POYDRAS STREET. P.O. BOX. 60035. NEW ORLEANS LA 70160, UNITED STATES OF AMERICA.

Inventor : MELVIN JOHN ALBRECHT.

Application No. 27/Cal/99 filed on 13-01-1999.

(Divided out of No. 34/Cal/95 ante-dated to 13-01-1995).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

A fluid-conveying tube assembly for a once-through, vertical tube steam generator (40) having a furnace (46), said assembly of fluid-conveying tubes forming the fluid-cooled enclosure walls (48) of said furnace (46), and comprising : smooth bore tubes forming the fluid-cooled enclosure wall panels (60) surrounding a lower portion (82) of the furnace; multiple-lead ribbed (MLR) tubes forming the fluid-cooled enclosure wall panels (64) surrounding a first intermediate portion (84) of the furnace located directly and vertically above the lower portion (82); single-lead ribbed (SLR) tubes forming the fluid-cooled enclosure wall panels (62) surrounding a second intermediate portion (86) of the furnace located directly and vertically above the first intermediate portion; and smooth bore tubes forming the fluid-cooled enclosure wall

panels (60) surrounding an upper portion (88) of the furnace located directly and vertically above the second intermediate portion, the tubes in each portion of the furnace being fluidically connected to one another.

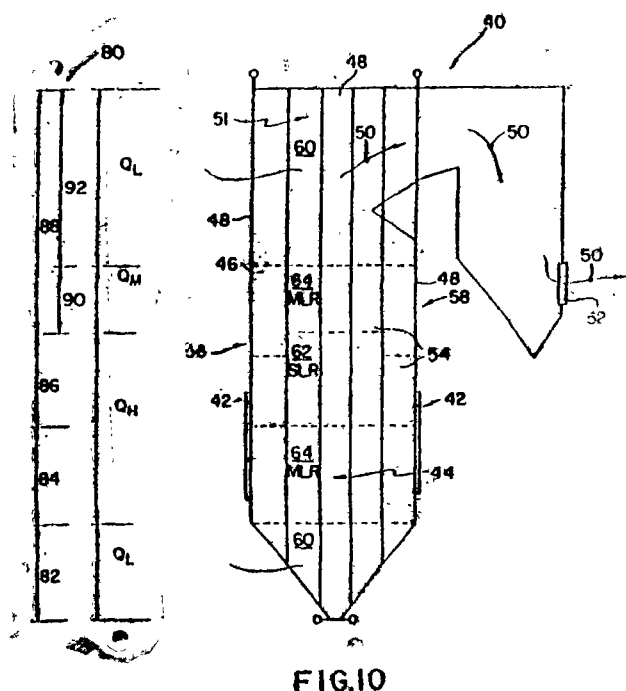


FIG. 10

(Compl. Specn. 26 Pages;

Drgns. 4 Sheets)

portion, the tubes in each portion of the furnace being fluidically connected to one another; and wherein the tubes forming said enclosure wall panels surrounding at least lower, first intermediate, second intermediate, and a first part of the upper portion of the furnace are inclined at an acute angle θ with respect to the horizontal as they wrap around a perimeter of the furnace.

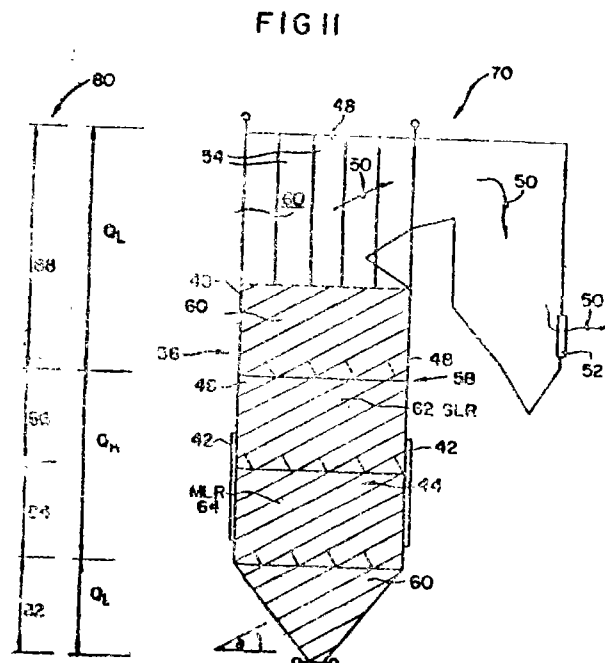


FIG. 11

(Compl. Specn. 30 Pages;

Drgns. 6 Sheets)

Int. Cl.⁴ : F 22 B 29/06 15/00

Ind. Cl. : 176 F

184200

AN ASSEMBLY OF FLUID-CONVEYING TUBE FOR USE IN A ONCE-THROUGH SPIRAL TUBE STEAM GENERATOR.

Applicant : THE BABCOCK & WILCOX COMPANY OF 1450 POYDRAS STREET, P.O. BOX 60035, NEW ORLEANS, LA 70160, UNITED STATES OF AMERICA.

Inventor : MELVIN JOHN ALBRECHT.

Application No. 28/Cal/99 filed on 13-01-1999.

(Divisional out of No. 34/Cal/95 ante dated to 13-01-1995).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

6 Claims

An assembly of fluid conveying tubes for use in a once-through, spiral tube steam generator having a furnace (46), and assembly forming the fluid-cooled enclosure walls (48) of said furnace (46) and comprising :

smooth bore tubes forming the fluid-cooled enclosure wall panels (60) surrounding a lower portion (82) of the furnace;

multiple-lead ribbed (MLR) tubes forming the fluid-cooled enclosure wall panels (64) surrounding a first intermediate portion (84) of the furnace located directly and vertically above said lower portion (82);

single-lead ribbed (SLR) tubes forming the fluid-cooled enclosure wall panels (62) surrounding a second intermediate portion (86) of the furnace located directly and vertically above the first intermediate portion;

smooth bore tubes forming the fluid-cooled enclosure wall panels (60) surrounding an upper portion (88) of the furnace located directly and vertically above the second intermediate

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Dr. Anil Krishna Kar, C. o. Engineering Services Internation, BC 192, Salt Lake City, Calcutta-700064, State of West Bengal, India have made an application under Section 57 of the patents Act, 1970 for amendment of specification of their application for patent No. 178262 for "Process for preparing corrosion resistant coating materials containing phenolic resin".

The amendments are by way of charge of address of the patentee.

The application for amendment and the proposed amendments can be inspected free of charge at patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700020. If the written statement of opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said notice.

RENEWAL FEES PAID

177454	174923	180329	180061	174774	172335	172585	178995
174946	172589	174863	179278	179712	180625	173795	179737
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174635	174728	180914	175223	172600	170653	179521	170432
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 177645 181489 181710 177475 176492 176284 178541 181778
 181918 182670 183209 183131 183113 183179

PATENT SEALED ON 02-06-2000

182904*D 183325 183342 183344 183345 183346 183347
 183348*D 183349*F 183350*D 183352*D 183353* 183354
 183355*D 183357 183360

CAL-08, DEL-NIL, MUM-NIL, CHEN-08.

*Patent shall be deemed to be endorsed with words
 LICENCE OF RIGHT Under Section 87 of the Patents Act,
 1970 from the date of expiration of three years from the date
 of sealing.

D—Drug Patents.

F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of registration included in the entries.

Class 3. No. 180287, Salzer Electronics Ltd., an Indian company having its principal place of business at Samichattipalam Jothipuram (Via) Coimbatore-641047, Tamil Nadu, India, "SWITCH", 6th September 1999.

Class 3. No. 180286, Elgi Building Products Limited, an Indian company incorporated under the Companies Act, 1956 having its regd. office at Elgi Tower, PO Box No. 7113, No. 737-D, Green Fields, Puliakulam Road, Coimbatore-641045, Tamilnadu, India, "DOOR FRAME", 6th September 1999.

Class 3. No. 177861, The Procter & Gamble Company, a corporation organized under the laws of the State of Ohio, United States of America, of One Procter & Gamble Plaza, Cincinnati, State of Ohio, United States of America, "BOTTLE", 9th November 1998.

Class 3. No. 177873, The Procter & Gamble Company a corporation organized under the laws of the State Ohio United States of America, of One Procter & Gamble Plaza, Cincinnati, State of Ohio, United States of America, "CARTON WITH LID", 10th November 1998.

Class 3. Nos. 177859 & 177860, The Procter & Gamble Co., a corporation organized under the laws of the State Ohio, United States of America, of One Procter & Gamble Plaza, Cincinnati, State of Ohio, United States of America, "BOTTLE", 9th November 1998.

Class 3. No. 177851, The Procter & Gamble Company, a corporation organized under the laws of the State Ohio, United States of America, of One Procter & Gamble Plaza, Cincinnati, State of Ohio, United States of America, "NECK WRAP", 6th November 1998.

Class 14. Nos. 177849, 177850 and 177852 to 177856, The Procter & Gamble Company, a corporation organized under the laws of the State of Ohio, United States of America, of One Procter & Gamble Plaza, Cincinnati, State of Ohio, United States of America, "NECK WRAP", 6th November 1998.

N. R. SETH

Dy. Controller of Patents & Designs

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एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 2000

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,
 AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 2000

